Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 18 Aug 2021 until 23:59 on Thursday 19 Aug 2021

Forecast Issued on Tuesday 17 Aug 2021 at 14:12

Confidence: High for eastern slopes to enjoy the best of the shelter over the coming days with poor visibility affecting the west. Confidence is also fairly high for a spell of more unsettled weather over the weekend, but low confidence of any details at this stage.

Headline for Wednesday 18 Aug 2021: Rather dull and occasionally damp. Best shelter in the east.

Mountain weather hazards on Wednesday 18 Aug 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Drizzle	Drizzle	Drizzle	Dull	Mist	Dull	Cloudy	Fog
Precipitation probability							
40%	50%	40%	30%	30%	20%	30%	40%

Forecast for Wednesday 18 Aug 2021

Weather: Low cloud will persist across the hills through the early hours but eastern slopes may see some clearer spells. A rather dull start with patchy drizzle falling across the central and western hills but lee shelter to the east may give some brighter spells across the eastern foothills and towards Bakewell. The cloud base may lift at times through the day but unreliably so, before cloud descends again through evening.

Chance of cloud free mountain/hill tops above 600m: 10% west, 40% east.

Visibility: Cloud will be extensive above around 400m in the west, but generally more broken in the east. Some improvement looks possible through afternoon but this is uncertain. Visibility will be as low as a few hundred metres above the cloud base, especially in any drizzle. Disorientation is a real possibility.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Wednesday 18 Aug 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/23 W	18/24 W	19/26 W	18/25 W	20/28 W	20/28 W	18/26 W	16/23 W	15/21 W
300	12/19 W	13/20 W	12/19 W	14/21 W	16/24 W	16/24 W	14/21 W	12/18 W	10/16 W
Valley	9/18 W	10/20 W	9/19 W	10/20 W	13/24 W	13/25 W	11/23 W	8/17 W	7/14 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/7	10/7	10/6	12/8	13/9	12/9	12/8	11/8	11/8
300	12/10	12/10	12/10	13/11	14/12	15/12	14/12	13/11	13/11
Valley	13/11	13/11	13/11	14/12	14/12	16/14	15/13	14/13	13/12
Freezing Level*	3300m	3300m	3300m	3200m	3200m	3200m	3200m	3300m	3000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Poor visibility will be the dominant hazard across the hills on Wednesday. Best of the shelter found across eastern hills.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 17 Aug 2021	9.8mm	17.2mm	19.2mm

Forecast for Thursday 19 Aug 2021

Weather: A brighter, drier day compared to Wednesday with cloud generally much less extensive across the hills, however the odd shower or spell of drizzle is possible, especially across the south. Westerly winds will afford the best of the shelter across eastern slopes. Low chance of a short spell of heavier rain in the south through evening.

Maximum wind: Westerly 10-15mph.

Chance of cloud free mountain/hill tops above 600m: 20% west, 60% east.

Visibility: Areas of cloud above around 500m may lift and break at times through the day, mainly across eastern slopes, but some temporary improvements across the west are also possible. Above the cloud base there will be some very poor visibility with neighbouring slopes completely obscured.

Temperature: **Valleys:** Plus 12 Celsius rising to 18 Celsius.
At 600m: Around plus 12 Celsius.
Freezing level: Well above summits.

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